

IN THE CLAIMS

Claim 1 (currently amended): A brake disk for a disk brake comprising a brake band of a first material which has a high heat resistance and an inner part of a second material which has a lower density than the first material, the brake band having a plurality of extensions and the inner part having a plurality of extensions, with the plurality of extensions of the brake band and of the inner part arranged in pairs bordering one another, and a plurality of connecting elements ~~which connect~~ connecting the brake band to the inner part, with the connecting elements by being received in recesses formed in the plurality of extensions to transfer force transmitted from the brake bank via the connecting elements to the inner part, wherein ~~[[the]]~~ each recess is formed in such a way that the connecting line between ends of the recess is at an angle α of from 15 to 85° to a tangential direction.

Claim 2 (previously presented): The brake disk as claimed in claim 1, wherein the angle α is approximately 30°.

Claim 3 (previously presented): The brake disk as claimed in claim 1, wherein the end of the recess which is at front in a direction of rotation during forward travel is a smaller distance away from the center of the brake disk than the end of the recess which is at back in direction of rotation during forward travel.

Claim 4 (previously presented): The brake disk as claimed in claim 1, wherein a region of an edge of the extension which is before the recess in the direction of rotation during forward travel is at an angle β relative to the tangential direction, an end of the region section which is at the front in the direction of rotation during forward travel being a smaller distance away from a center of the brake disk than the end of the region which is at the back in the direction of rotation during forward travel.

Claim 5 (previously presented): The brake disk as claimed in claim 4, wherein a section of the edge of the extension which is behind the recess in the direction of rotation during forward travel is at an angle γ to the tangential direction, an end of the section which is at the front in the direction of rotation during forward travel being a smaller distance away from the center of the brake disk than that end of the section which is at the back in the direction of rotation during forward travel.

Claim 6 (original): The brake disk as claimed in claim 5, wherein the angle γ is greater than the angle α .

Claim 7 (original): The brake disk as claimed in claim 6, wherein the angle γ substantially corresponds to the angle α .

Claim 8 (previously presented): The brake disk as claimed in claim 6, wherein the angle γ is greater than the angle β .

Claim 9 (previously presented): The brake disk as claimed in claim 6, wherein substantially the angle γ corresponds to the angle β .

Claim 10 (previously presented): The brake disk as claimed in claim 1, wherein the recess encloses the connecting element in an angular range of more than 180° .

Claim 11 (previously presented): The brake disk as claimed in claim 10, wherein the angular range is approximately 200° .

Claim 12 (previously presented): The brake disk as claimed in claim 1, wherein the connecting elements are bolts and/or rivets.

Claim 13 (previously presented): The brake disk as claimed in claim 1, wherein the brake band is formed from steel.

Claim 14 (previously presented): The brake disk as claimed in claim 1, wherein the brake band is corrugated.

Claim 15 (previously presented): The brake disk as claimed in claim 1, wherein the brake band has holes in the form of slots.

Claim 16 (previously presented): The brake disk as claimed in claim 1, wherein the inner part is formed from light metal or a light metal alloy.

Claim 17 (previously presented): The brake disk as claimed in claim 1, wherein the inner part has an inner ring for fixing on a hub.

Claim 18 (previously presented): The brake disk as claimed in claim 1, wherein the extensions of the inner part each have a strut which is at front in a direction of rotation during forward travel and a strut which is at back in the direction of rotation during forward travel.

Claim 19 (previously presented): The brake disk as claimed in claim 1, wherein the extensions of the inner part each have a strut which is at back in a direction of rotation during forward travel with a rear strut of the struts of the extensions oriented to substantially lie in a braking force direction occurring during braking during forward travel.

Claim 20 (previously presented): The brake disk as claimed in claim 4, wherein a section of the edge of the extension which is behind the recess in the direction of rotation during forward

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travel is at an angle γ to the tangential direction, an end of the section which is at the front in the direction of rotation during forward travel being a smaller distance away from the center of the brake disk than that end of the section which is at the back in the direction of rotation during forward travel.